# Triple Stackable Shaking Incubator LX401SCS

**Email:** info@labdex.com **website:** www.labdex.com

# Description

Triple stackable shaking incubator LX401SCS is a three-fold chamber shaking incubator. Designed with a PID microprocessor controller, a 5-inch touch screen display for setting parameters, and a visualization window to view temperature, speed, and time. Features with various types of alarm functions such as high/low temperature, abnormal shutdown, motor failure, equipment door not closed properly automatic alarm with sound and light alarm mode. Stop-running protection for door opening, electric current leakage, and overload protection. Motor overheat protection, automatic power cut-off in case of abnormal over-temperature. It is mostly used in germ culture, fermentation, hybridization, and research of biochemical reactions, enzymes, and cellular tissue, all of which require high temperatures and oscillation frequencies.

# Specifications

| | |
|---|---|
| **Capacity** | 155 L |
| **Controller** | PID |
| **Display** | 5 inch touch screen |
| **Circulation mode** | Forced convection |
| **Shaking mode** | Rotary shaking |
| **Drive mode** | Single-axis balanced drive type |
| **Vibration range** | Φ26mm |
| **Rotating speed** | 30~300r/min |
| **Rotating accuracy** | ±1r/min |
| **Temp. range** | RT+5~60℃ |
| **Temp. control accuracy** | 0.1℃ |

| | |
|---|---|
| **Temp. uniformity** | ≤±1℃(37℃) |
| **Temp. fluctuation** | ≤±0.5℃ |
| **Timing range** | 0~999min |
| **Shaking plate size** | 460 x 450 mm |
| **Shaking plate quantity** | 1 Pcs |
| **Max. capacity** | 250 ml x 20<br>500 ml x 16<br>1000 ml x 9<br>2000 ml x 6<br>5000ml x 4 (Flask clamp)<br>Tube rack x 2<br>96-well plate x 12<br>Clamping rod shaking plate x 1 |
| **Standard capacity** | 250 ml x 20<br>500 ml x 16<br>1000 ml x 9<br>2000 ml x 6<br>5000ml x 4 |
| **Lighting mode** | LED lamp x 1 |
| **Sterilization mode** | UV lamp x 1 |
| **Ambient temp.** | 15~35℃ |
| **Internal material** | 304 Stainless steel |
| **External material** | Cold rolled steel sheet |
| **Consumption** | 1200 W |

| | |
|---|---|
| **Power supply** | AC200~240V, 50/60Hz; AC110V, 50/60Hz |
| **Internal dimension** | 560 x 500 x 555 mm |
| **External dimension** | 650 x 840 x 810 mm |
| **Net weight** | 195 kg |
| **Packing dimension** | 780 x 1010 x 1070 mm |
| **Gross weight** | 230 kg |

## Features

- Speed range extendable to 30-300rpm with temperature range RT+5~60℃
- High-precision frequency control system with accuracy ±1rpm
- 5” touch screen LCD display with PID microprocessor controller with standard LED light, box light turns on automatically on door opening
- Designed with 304 stainless steel and Cold-rolled steel sheet
- Drive mode is a Single-axis balanced drive type
- USB data export function to achieve data traceability
- Ultraviolet disinfection function
- It is optimized with a power failure recovery function
- Featured with parameter encryption lock and parameter memory function

## Applications

- Stackable shaking incubator used in biotechnology companies, pharmaceuticals, fermentation, microbiology, biochemical experiments, food, and environmental protection.

**71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.**
**Email: info@labdex.com | Website: www.labdex.com**